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What is claimed is:

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- 1. A composition comprising the reaction product of:
- (a) an isobutylene-diene copolymer having an \overline{M}_n of about 1000 to about 150,000 and containing thereon an average of about 0.1 to 4 equivalents, per each 1000 units of \overline{M}_n of the polymer, of carboxylic acid functionality or reactive equivalent thereof, derived from at least one α,β -unsaturated carboxylic compound; and
- (b) an amine component comprising at least one aromatic amine containing at least one N-H group capable of condensing with said carboxylic acid functionality.
 - 2. The composition of claim 1 wherein the diene is selected from the group consisting of isoprene, piperylene, 1,3-butadiene, and limonene.
 - 3. The composition of claim 1 wherein the diene comprises isoprene.
- 4. The composition of claim 1 wherein (a) the copolymer containing carboxylic acid functionality is prepared by reacting (i) an isobutylene-diene copolymer having on average about 1 to about 150 moles of reactive carbon-carbon double bonds per mole of copolymer and about 0.1 to about 2 moles of said double bonds per 1000 units of M_n of the copolymer, with (ii) an α,β-unsaturated carboxylic compound.
 - 5. The composition of claim 1 wherein the α , β -unsaturated carboxylic compound comprises an acrylic compound, a methacrylic compound, a maleic compound, a fumaric compound, or an itaconic compound.
 - 6. The composition of claim 1 wherein the α,β -unsaturated carboxylic compound comprises maleic anhydride.
 - 7. The composition of claim 1 wherein the amine component is selected from the group consisting of 4-phenylazoaniline, 4-aminodiphenylamine, 2-aminobenzimidazole, 3-nitroaniline, 4-(4-nitrophenylazo)aniline, N-(4-amino-5-methoxy-2-methyl-phenyl)-benzamide, N-(4-amino-2,5-diethoxy-phenyl)-benzamide, N-(4-amino-phenyl)-benzamide, 4-amino-2-hydroxy-benzoic acid phenyl ester, and N, N-dimethyl-phenylenediamine.

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8. The composition of claim 1 wherein the amine component further comprises an amine having at least two N-H groups capable of condensing with said carboxylic acid functionality.

- 9. The composition of claim 8 wherein the amine having at least two N-H groups comprises ethylenediamine, 2,4-diaminotoluene, or phenylenediamine.
 - 10. A lubricant composition comprising a major amount of an oil of lubricating viscosity and a minor amount of the composition of claim 1.
- 11. The lubricant composition of claim 10 further comprising at least one additive selected from the group consisting of detergents, dispersants, viscosity modifiers, pour point depressants, friction modifiers, antioxidants, and antiwear agents.
- 12. The lubricant composition prepared by admixing the components of claim 11.
- 13. The lubricant composition of claim 10 further comprising a polyisobutene succinimide dispersant having a N:CO ratio of greater than about 1.
 - 14. The lubricant composition of claim 10 further comprising a hydrogenated copolymer of a vinylaromatic monomer with a conjugated polyene
 - 15. A process for lubricating an internal combustion engine, comprising supplying thereto the lubricant of claim 10.
 - 16. A process for improving the viscosity index of a lubricating oil composition comprising incorporating into said composition a minor, viscosity-improving amount, of the composition of claim 1.
 - 17. A process for reducing soot-induced viscosity increase in a lubricating oil composition comprising incorporating into said composition a minor, viscosity-improving amount, of the composition of claim 1.
 - 18. A concentrate comprising the composition of claim 1 and a concentrate-forming amount of an oil of lubricating viscosity.
 - 19. A process for preparing a carboxylic derivative composition, comprising:
 - (a) reacting

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(i) an isobutylene-diene copolymer having an \overline{M}_n of about 1000 to about 150,000 and having on average about 0.1 to about 2 units of reactive carbon-carbon double bonds per each 1000 units of \overline{M}_n of the polymer, with

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(ii) an α,β -unsaturated carboxylic compound having carboxylic acid functionality or reactive equivalent thereof; and

(b) reacting the product of (a) with an amine component comprising at least one aromatic amine containing at least one N-H group capable of condensing with said carboxylic acid functionality.

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- 20. The process of claim 19 wherein the α,β -carboxylic compound is reacted with the isobutylene-diene polymer via a thermal reaction in the substantial absence of added chlorine.
- 21. The process of claim 19 wherein the α,β -carboxylic compound is reacted with the isobutylene-diene polymer via a radical reaction.
 - 22. The process of claim 19 wherein the amine component of (b) further comprises an amine having at least two N-H groups capable of condensing with said carboxylic acid functionality.

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